



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT

ATTY DOCKET NO.: 5649-1114

DATE: July 11, 2003

**UTILITY PATENT APPLICATION TRANSMITTAL LETTER
AND FEE TRANSMITTAL FORM (37 CFR § 1.53(b))**

Mail Stop PATENT APPLICATION
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Transmitted herewith for filing under 37 CFR § 1.53(b) is:

- ☒ a patent application
☐ a Continuation ☐ a Divisional ☐ a Continuation-in-Part (CIP) Application of prior application no.: _____; filed _____, the disclosure of which is incorporated herein by reference in its entirety.
☐ and claims the benefit of Provisional Application No. _____; filed _____.

Inventor(s) or Application Identifier:
Horii Hideki

Entitled: **PHASE CHANGEABLE MEMORY DEVICES HAVING REDUCED
CELL AREAS AND METHODS OF FABRICATING THE SAME**

Correspondence Address:



20792

PATENT TRADEMARK OFFICE

Enclosed are:

1. ☒ Application Transmittal Letter and Fee Transmittal Form (*A duplicate is enclosed for fee processing*)
2. ☒ 31 pages of Specification (including 47 claims)
3. ☒ 18 sheets of Formal Drawings (35 USC 113)
4. ☒ Oath or Declaration
 - a. ☒ newly executed (*original or copy*)
 - b. ☐ copy from prior application (37 CFR 1.63(d) (*for continuation/divisional*) [Note Box 6 Below]
 - c. ☐ DELETION OF INVENTOR(S) (*Signed statement deleting inventor(s) named in the prior application*)
5. ☐ Application Data Sheet. See 37 CFR 1.76
6. ☐ Incorporation By Reference (*useable if box 4b is checked*)

The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under

Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.

7. ☐ Microfiche Computer Program (*Appendix*)
8. ☐ Assignment papers (*cover sheet(s) and document(s)*)
9. ☐ Applicant claims small entity status. See 37 CFR § 1.27.
10. ☐ Information Disclosure Statement, PTO-1449, and _____ references cited
11. ☒ Preliminary Amendment (*Please enter all claim amendments prior to calculating the filing fee.*)
12. ☐ English Translation Document
13. ☒ Certified Copy of Korean Application No. 2002-49137; Filed August 20, 2003
14. ☐ Sequence Listing/ Sequence Listing Diskette
 - a. ☐ computer readable copy
 - b. ☐ paper copy
 - c. ☐ statement in support
15. ☐ An Associate Power of Attorney
16. ☒ Return Receipt Postcard (MPEP 503) (*Should be specifically itemized*)
17. ☐ Other:

The fee has been calculated as shown below:

| | Column 1 No. Filed | Column 2 No. Extra | Small Entity Rate Fee | Large Entity Rate Fee |
|---------------------------------------------------------------------------|-----------------------|-----------------------|--------------------------|--------------------------|
| BASIC FEE | | | \$375.00 | \$ 750.00 |
| TOTAL CLAIMS | 20 - 20 = | 0 | x 09 = \$ | x 18 = \$ |
| INDEP CLAIMS | 2 - 3 = | 0 | x 42 = \$ | x 84 = \$ |
| <input type="checkbox"/> MULTIPLE Dependent Claims Presented | | | + 140 = \$ | + 280 = \$ |
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- ☐ A check in the amount of \$ _____ to cover the filing fee is enclosed.
- ☒ A check in the amount of \$ 790.00 is enclosed to cover the filing fee, PLUS the Assignment Recordation fee (\$40.00).
- ☐ Please charge my Deposit Account No. 50-0220 in the amount of \$ _____
- ☒ The Commissioner is hereby authorized to credit overpayments or charge the following fees associated with this communication to Deposit Account No. 50-0220:
- a. ☒ Additional filing fees under 37 CFR 1.16 for presentation of extra claims.
 - b. ☒ Additional patent application processing fees under 37 CFR 1.17.

Respectfully submitted,


Elizabeth A. Stanek

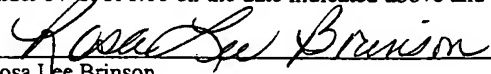
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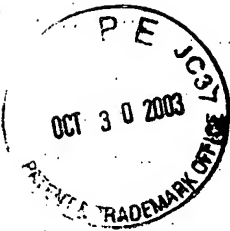
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MS Patent Application

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

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Date: 7-11-03
Doc. No. 5649-1114
Serial No. TBA
Inventor: Hideaki

Sir: 07-25-03 A08:40 IN
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| <input checked="" type="checkbox"/> Specification pages <u>31</u> | <input type="checkbox"/> IDS & PTO-1449 & <u> </u> refs. |
| <input checked="" type="checkbox"/> No. of Claims <u>47</u> | <input type="checkbox"/> Amendment & Amend. Transmittal |
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☒ Other: Return Post Card

Respectfully submitted,
MYERS BIGEL SIBLEY & SAJOVEC, P.A.
Attorneys for Applicant

17858 U.S. PTO

10/617958



07/14/03

[Handwritten signature]